

**DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE)**  
**(Under 37 CFR § 1.63; with Power of Attorney)**  
**FROMMER LAWRENCE & HAUG LLP**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED:  
Channel Estimator for OFDM System

the specification of which

☐ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
with amendment(s) through \_\_\_\_\_ (if applicable, give dates).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) [list additional applications on separate page]:

Number	Country	Filed (Day/Month/Year)	Priority Claimed:	Yes	No
00 116 635.4	EP	01/08/2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) [list additional applications on separate page]:

Appln. Ser. Number:	Filed (Day/Month/Year):	Status (patented, pending, abandoned):
---------------------	-------------------------	--

I hereby appoint WILLIAM S. FROMMER, Registration No. 25,506, and DENNIS M. SMID, Registration No. 34,930 or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and specify that all communications about the application are to be directed to the following correspondence address:

WILLIAM S. FROMMER, Esq.  
c/o FROMMER LAWRENCE & HAUG LLP  
745 Fifth Avenue  
New York, New York 10151

Direct all telephone calls to:  
(212) 588-0800  
to the attention of:  
WILLIAM S. FROMMER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S):

Signature: Wang Zhaocheng Date: 12 June 2001

Full name of sole or first inventor: Zhaoheng WANG  
Residence: Stuttgart, Germany  
Citizenship: China

Signature: R.D. Stirling - Gallacher Date: 12/6/02

Full name of 2nd joint inventor (if any): Richard STIRLING-GALLACHER  
Residence: Stuttgart, Germany  
Citizenship: Great Britain

Signature: Thomas Dölle Date: 18. June 2001

Full name of 3rd joint inventor (if any): Thomas DÖLLE  
Residence: Haar, Germany  
Citizenship: Germany

[Similarly list additional inventors on separate page]

Post office Address(es) of inventor(s):

[if all inventors have the same post office address]

c/o Advanced Technology Center Stuttgart  
Sony International (Europe) GmbH  
Heinrich-Hertz-Str. 1  
70327 Stuttgart, GERMANY

Note: In order to qualify for reduced fees available to Small Entities, each inventor and any other individual or entity having rights to the invention must also sign an appropriate separate "Verified Statement (Declaration) Claiming [or Supporting a Claim by Another for] Small Entity Status" form [e.g. for Independent Inventor, Small Business Concern, Nonprofit Organization, individual Non-Inventor].

Note: A post office address must be provided for each inventor.